

ABSTRACT OF THE DISCLOSURE

An ozone generator for generating ozone by applying a specified process to an oxygen gas by discharge includes a first raw material gas supply unit for supplying the oxygen gas as a first raw material gas, and a second raw material gas supply unit for supplying an oxide compound gas as a second raw material gas, in which by excited light excited and generated by the discharge under existence of the oxygen gas and the oxide compound gas, the oxide compound gas is dissociated, or the oxide compound gas is excited to have an accelerating action of dissociation of the oxygen gas, and the ozone is generated. By this, an ozone generation efficiency can be adequately raised.